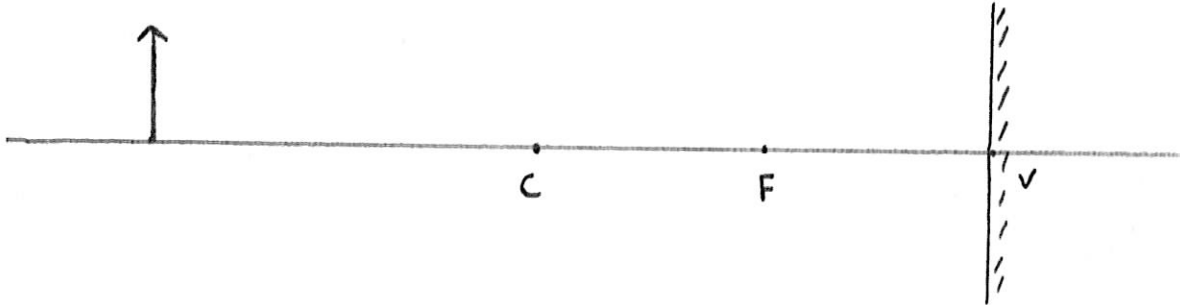


# 5 CASES FOR CONCAVE MIRRORS

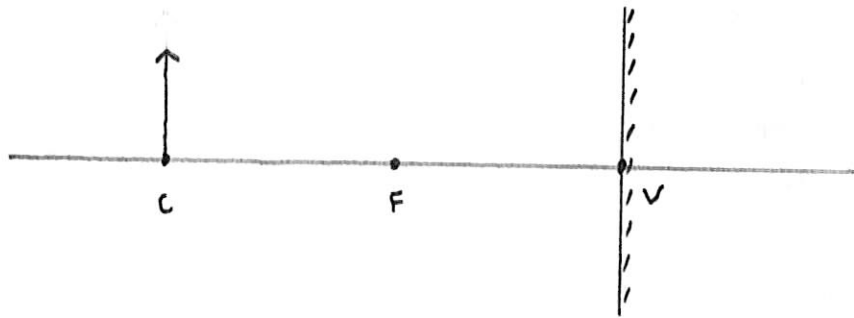
★ CURVED MIRRORS ARE REPRESENTED WITH A STRAIGHT LINE TO REDUCE ERRORS.

CASE 1 - distance of object ( $d_o$ )  $> R$



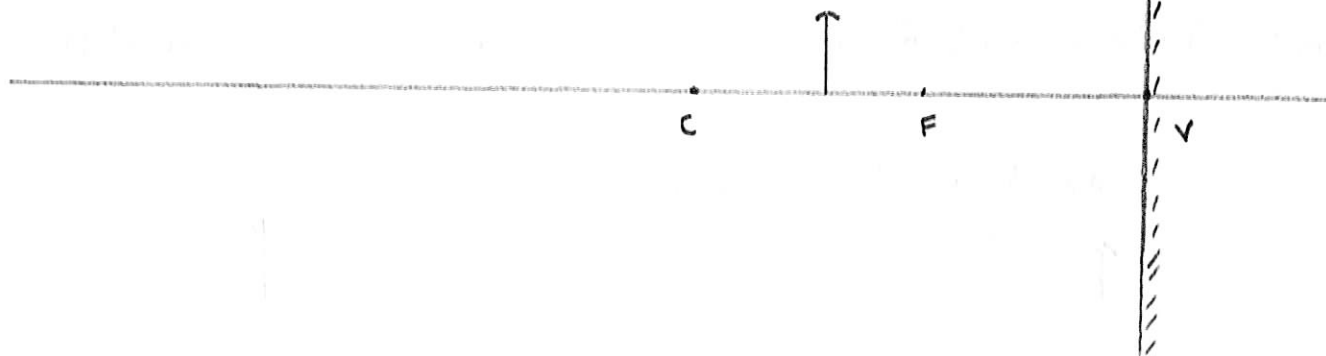
POSITION OF OBJECT	POSITION OF IMAGE	SIZE OF IMAGE	ORIENTATION OF IMAGE	TYPE OF IMAGE
$> R$ , PAST C				

CASE 2 -  $d_o = R$



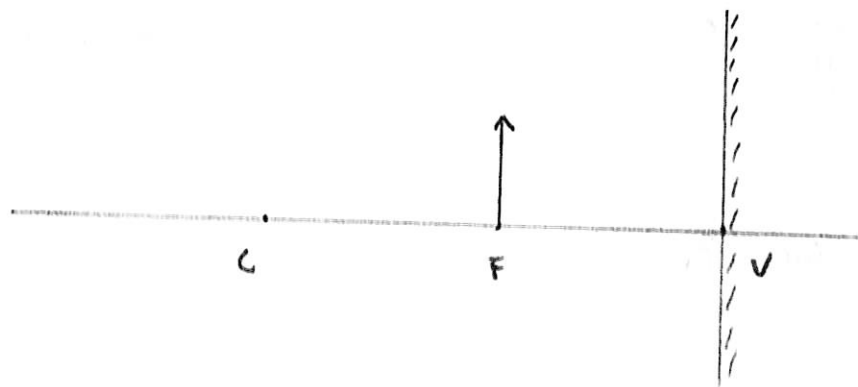
POSITION OF OBJECT	POSITION OF IMAGE	SIZE OF IMAGE	ORIENTATION OF IMAGE	TYPE OF IMAGE
$= R$ , at C.				

CASE 3 -  $f < d_o < R$



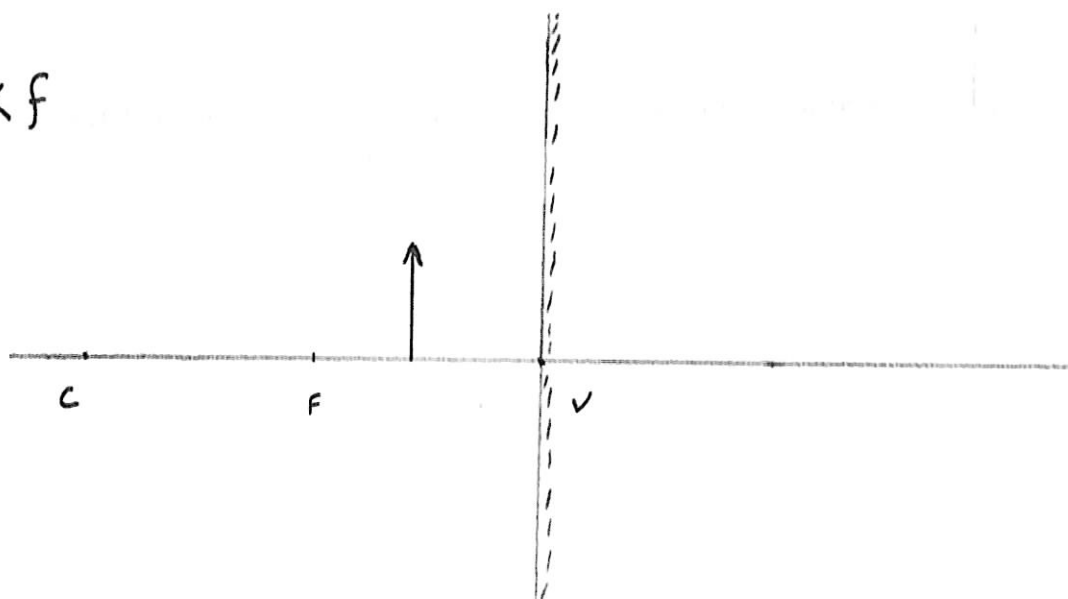
POSITION OF OBJECT	POSITION OF IMAGE	SIZE OF IMAGE	ORIENTATION OF IMAGE	TYPE
$f < d_o < R, F < d_o < C$				

CASE 4 -  $d_o = f$



POSITION OF OBJECT	POSITION OF IMAGE	SIZE OF IMAGE	ORIENTATION OF IMAGE	TYPE
$= f, \text{ at } F$				

CASE 5 -  $d_o < f$



POSITION OF OBJECT	POSITION OF IMAGE	SIZE OF IMAGE	ORIENTATION OF IMAGE	TYPE
$< f, v < d_o < F$				